



Effective on 12/08/2004.

Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$ 130)

**Complete if Known**

|                      |                    |
|----------------------|--------------------|
| Application Number   | 10/763,018         |
| Filing Date          | January 21, 2004   |
| First Named Inventor | Tan, Zhengquan     |
| Examiner Name        | Michael Lebentritt |
| Art Unit             | 2824               |
| Attorney Docket No.  | A5771/T42210       |

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES  |              | SEARCH FEES  |              | EXAMINATION FEES |              | Fees Paid (\$) |
|------------------|--------------|--------------|--------------|--------------|------------------|--------------|----------------|
|                  | Small Entity | Small Entity | Small Entity | Small Entity | Small Entity     | Small Entity |                |
|                  | Fee (\$)     | Fee (\$)     | Fee (\$)     | Fee (\$)     | Fee (\$)         | Fee (\$)     |                |
| Utility          | 300          | 150          | 500          | 250          | 200              | 100          |                |
| Design           | 200          | 100          | 100          | 50           | 130              | 65           |                |
| Plant            | 200          | 100          | 300          | 150          | 160              | 80           |                |
| Reissue          | 300          | 150          | 500          | 250          | 600              | 300          |                |
| Provisional      | 200          | 100          | 0            | 0            | 0                | 0            |                |

**2. EXCESS CLAIM FEES****Fee Description**

|   | Small Entity | Small Entity |
|---|--------------|--------------|
|   | Fee (\$)     | Fee (\$)     |
| Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent            | 50           | 25           |
| Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent | 200          | 100          |
| Multiple dependent claims   | 360          | 180          |

| Total Claims | Extra Claims              | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | Fee (\$) | Fee Paid (\$) |
|--------------|---------------------------|----------|---------------|---------------------------|----------|---------------|
| _____        | -20 or HP = _____ x _____ | = _____  |               | _____                     | _____    | _____         |

HP = highest number of total claims paid for, if greater than 20

| Indep. Claims | Extra Claims             | Fee (\$) | Fee Paid (\$) |
|---------------|--------------------------|----------|---------------|
| _____         | -3 or HP = _____ x _____ | = _____  |               |

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets               | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|----------------------------|--|----------|---------------|
| _____        | - 100 = _____ / 50 = _____ | (round up to a whole number) x _____             | = _____  |               |

**4. OTHER FEE(S)**

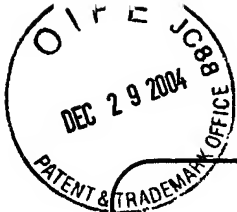
Non-English Specification, \$130 fee (no small entity discount)

Other: Statutory disclaimer

130

**SUBMITTED BY**

|                   |                    |   |                        |
|-------------------|--------------------|---|------------------------|
| Signature         |                    | Registration No. 37,234<br>(Attorney/Agent) | Telephone 650-326-2400 |
| Name (Print/Type) | William L. Shaffer |   | Date 12/27/04          |



|   |                        |                    |
|---|------------------------|--------------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number     | 10/763,018         |
|   | Filing Date            | January 21, 2004   |
|   | First Named Inventor   | Tan, Zhengquan     |
|   | Art Unit               | 2824               |
|   | Examiner Name          | Michael Lebentritt |
| Total Number of Pages in This Submission  | Attorney Docket Number | A5771/T42210       |

| ENCLOSURES (Check all that apply)   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Technology Center (TC)<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Terminal Disclaimer.<br>Statement Under 37 CFR 3.73(b).<br>Postcard. |
| Remarks   |   | The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |  |
|--|---|--|
| Firm or Individual name                    | Townsend and Townsend and Crew LLP<br>William L. Shaffer<br>Reg. No. 37,234 |  |
| Signature                                  |   |  |
| Date                                       | 12/27/04  |  |

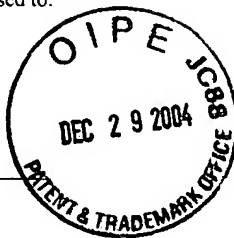
| CERTIFICATE OF TRANSMISSION/MAILING   |                  |               |
|---|------------------|---------------|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |                  |               |
| Typed or printed name   | Kristina Alvarez |               |
| Signature   |                  | Date 12/27/04 |

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

*Ifw*  
PATENT

Attorney Docket No.: A5771/T42210



On 12/27/04  
TOWNSEND and TOWNSEND and CREW LLP

By: *[Signature]*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

ZHENGQUAN TAN et al.

Application No.: 10/763,018

Filed: January 21, 2004

For: HDP-CVD DEPOSITION  
PROCESS FOR FILLING HIGH  
ASPECT RATIO GAPS

Confirmation No. 6519

Examiner: Michael Lebentritt

Technology Center/Art Unit: 2824

AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed October 12, 2004, please enter the following amendments and remarks:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.